

Peak District National Park

Forecast valid from 06:00 on Monday 23 Aug 2021 until 23:59 on Tuesday 24 Aug 2021

Forecast Issued on Monday 23 Aug 2021 at 04:12

Confidence: High for the much more settled conditions over the next few days. Lower for cloud amounts and heights.

Headline for Monday 23 Aug 2021: Largely dry and fine with variable amounts of cloud.

Mountain weather hazards on Monday 23 Aug 2021

Blizzards

No Likelihood

Gales

No Likelihood

Thunderstorms

No Likelihood

Heavy Snow

No Likelihood

Severe chill effect

No Likelihood

Heavy persistent rain

No Likelihood

Storm force winds

No Likelihood

Poor visibility

Low Likelihood

Strong sunlight

Medium Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
					
Cloudy	Cloudy	Sunny intervals	Sunny intervals	Sunny	Partly cloudy (night)
Precipitation probability					
20%	10%	10%	10%	10%	10%

Forecast for Monday 23 Aug 2021

Weather: A few mist or fog patches may form in the valleys first thing, but along with the low cloud, these will lift and break through the morning, allowing sunny spells to develop through the afternoon. Dry throughout.

Chance of cloud free mountain/hill tops above 600m: 20%, becoming 90% by mid-morning.

Visibility: Poor or very poor first thing, especially at higher levels, with nearby landmarks often obscured. Improving through the morning with visibility becoming good, allowing clear views of distant hills.

Forecast for Monday 23 Aug 2021

Height (m)	Wind Speed mean/gusts (mph)				Wind Direction (blowing from)		
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	13/17 NE	14/17 NE	11/16 NE	10/15 NE	11/16 NE	13/19 E	12/17 E
300	6/12 E	9/12 NE	9/13 NE	8/13 NE	7/13 NE	7/13 E	6/10 E
Valley	3/11 E	7/12 NE	7/13 NE	7/12 NE	6/12 NE	6/13 E	5/12 E

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/8	11/9	14/12	15/13	15/13	12/9	11/8
300	13/12	14/13	17/15	18/17	18/16	14/13	12/12
Valley	13/13	16/15	18/17	20/18	18/18	15/14	13/12
Freezing Level*	3000m	2900m	2500m	2800m	2900m	2900m	2900m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Although the day is likely to start quite cloudy with tricky navigation conditions, this will change through the morning with strong sunshine developing allowing UV levels to increase.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Mon 23 Aug 2021	1.4mm	10mm	10.6mm

Forecast for Tuesday 24 Aug 2021

Weather: Low cloud may once again move in from the east overnight, to give some hill fog during the early hours. This will lift above the tops by mid-morning, allowing another dry and fine day with some sunny spells for the afternoon. Sunshine may be slightly more limited than on Monday.

Maximum wind: Northeasterly 15-20mph.

Chance of cloud free mountain/hill tops above 600m: 30%, becoming 100% by mid-morning.

Visibility: Often poor or very poor first thing, especially at higher levels, with nearby landmarks often obscured. Generally good at lower levels however. Improving at all levels through the morning with visibility becoming good, allowing clear views of distant hills.

Temperature: **Valleys:** Plus 10C becoming plus 18C
At 600m: Plus 11C
Freezing level: Above the hilltops